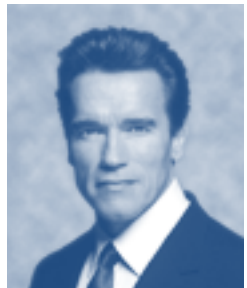


Course Catalog

Governor's Message



Fires, floods, earthquakes and other disasters are reminders of the need for effective disaster preparedness and management strategies for our state. The California Specialized Training Institute (CSTI) serves as a critical component in providing emergency training programs to professionals who strive to protect and rescue Californians in harm.

The emergency training received at CSTI has proven to be a vital part of every emergency professional's career, preparing them to effectively respond to any challenge. CSTI has enabled our disaster team to earn its reputation as the best prepared in the nation. I commend CSTI for providing such valuable opportunities to equip our emergency managers and personnel with the skills and knowledge necessary to respond swiftly and successfully to any emergency.

The CSTI course guide illustrates the Institution's commitment to keep our emergency professionals skilled, certified, and current on life-saving techniques. I encourage you to take advantage of the exceptional training opportunities offered in this catalog.

Sincerely,

Arnold Schwarzenegger
Governor
State of California



About the Governor's Office of Emergency Services

Under the authority of the Emergency Services Act and other legislation, the Governor's Office of Emergency Services (OES) coordinates the overall state agency response to major disasters in support of local government. The office is responsible for assuring the state's readiness to respond to and recover from emergencies that threaten lives, property, and the environment. OES is a customer service agency with a staff dedicated to assisting the residents of California before, during, and after a disaster or emergency. Working in conjunction with the Federal Emergency Management Agency (FEMA), OES also serves as a committed advocate for local governments, ensuring that federal funding and support is provided promptly and efficiently during recovery operations.

**Visit OES on the Web
at**

www.oes.ca.gov



Training Solutions for Emergency Services Professionals

Over 30 years ago, the California Specialized Training Institute (CSTI) began as a state military training organization that focused on managing civil disorder. Much has changed at the Institute, its comprehensive curriculum now focuses on the full spectrum of emergency management. Since CSTI's inception, enrollment has steadily increased, attracting participants from not only the United States, but worldwide. Additionally, new courses are continually created and existing programs expanded to meet constantly growing demands.

Emergency managers and public safety personnel face an ever-evolving set of challenges. CSTI stands ready to assist in helping you meet these challenges through the training programs described in this catalog. Training budgets have been slashed over the last few years but the need for up to date technical training is growing. CSTI can help you make the most of your training dollars through innovative and affordable programs. Let us design a training program that works for you.

**Visit CSTI on the Web
at**

www.csti.ca.gov

or call

(805) 549-3535

for general information

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IMPORTANT. Allow extra time to enter Camp San Luis Obispo (CSLO). CSLO is a California National Guard facility, subject to the Department of Defense security requirements including random vehicle searches inbound and outbound. A photo ID, current vehicle registration and proof of insurance are required to gain access to the camp.

Admission Policy

While applications are accepted up to two weeks prior to the course start date, space may be limited and courses often fill 90-120 days in advance. Therefore, we recommend submitting your application as soon as possible to ensure enrollment.

Tuition Policy

Tuition payment is due no later than two weeks prior to the start of a course. Late registration will be considered on a case-by-case basis, depending on space availability. CSTI accepts checks, money orders and credit cards (VISA, MasterCard, and American Express). Purchase orders will not be accepted. Make checks payable to State of California, Office of Emergency Services. Payments may be mailed to : Office of Emergency Services, P.O. Box 8123, San Luis Obispo, CA 93403-8123. Clearly identify student name and class for which payment is being made. When changing enrollment date from one fiscal year (July) to another, tuition rate is subject to change. For further tuition information, please contact CSTI Administration Office at 805-549-3599.

Refund Policy

Tuition is fully refundable for enrollments cancelled at least 30 days before the class start date. For enrollments cancelled within 30 days of the class start date, a \$40 processing fee will be retained. Full tuition may be charged for failure to cancel enrollment (refunds will be determined on a case-by-case basis). Full tuition credit is allowed for substitutions.

Meals

To provide the best learning environment and adhere to a structured training schedule, a caterer will provide morning snacks, daily beverage service and lunches. Payment of meal fees must be made separately from the CSTI tuition payment. Meal fees vary depending on the length of a course and will be detailed in registration packets. For special dietary needs or questions please contact the Contract Coordinator at (805) 549-3531 or Jeanine.Gentis@oes.ca.gov

Attendance Policy

Programs are scheduled to present the maximum amount of information in the shortest possible time. It is important that participants attend the entire program for which they are enrolled. The amount of class time required to obtain credit for completion is specific to each course.

Application and Registration Procedures

Please submit a separate application for each enrollee. Applications are available in this course catalog, on our website (www.csti.ca.gov), or by calling 805-549-3005. Photocopied applications are acceptable. Send completed applications directly to Office of Emergency Services, P.O. Box 8123, San Luis Obispo, CA 93403-8123. All applications must be approved and signed by immediate supervisor or training officer prior to being accepted.

Information packets will be mailed to enrollees approximately 4-6 weeks prior to the class start date. CSTI reserves the right to determine final eligibility for attendance. CSTI does not discriminate on the basis of race, gender, sexual orientation, religion, age, disability, or national or ethnic origin.

CSTI has added online registration for your convenience. Go to www.csti.ca.gov. Applicants will be contacted as soon as possible to confirm details.

Accreditation

Several CSTI courses are accredited through the University of California, Santa Barbara, (UCSB) Extended Education. Those wishing to apply for units of Extension credit may do so during the class. An additional fee will be assessed for college credit by UCSB. Please check with the course registrar to determine if credit is available for the particular class for which you want to apply.

Expenses/Reimbursements/Grants

The California Commission on Peace Officer Standards and Training (POST) has certified many CSTI courses. Please see specific course or contact the course registrar for additional information: Emergency Management/Criminal Justice: (805) 549-3536 or Margaret.Ryan@oes.ca.gov (Peg); Hazardous Materials: (805) 549-3344 or Annabelle.Dixon@oes.ca.gov. Participants seeking POST Continuing Professional Training points or reimbursement are to bring a completed Training Reimbursement Request Form to class registration. Military personnel, including Reserve Forces, may be eligible to claim reimbursement for travel and per diem from their units. Orders should state, "Government quarters and mess are not available".

CSTI Grant funds may be available to attend approved programs. For information on specific types of funding and eligible courses, contact the CSTI Grant Coordinator: (805) 549-3531 or Jeanine.Gentis@oes.ca.gov.

Transportation and Lodging

CSTI is located at Camp San Luis Obispo, on Highway 1, midway between the cities of Morro Bay and San Luis Obispo. Those arriving by commercial air, bus, or train are advised to rent cars since bus transportation to and from CSTI is infrequent. Participants wishing to rent cars may call Avis, Hertz, Budget, or Enterprise. Amtrak, Greyhound Bus Lines, and several airlines also serve San Luis Obispo. Taxis and a courtesy bus to local hotels may be available. CSTI blocks rooms at local hotels for many of our classes, information on specific hotels will be included in registration materials. Hotel reservations and payments are the participants' responsibility.

Course Materials

Each participant will receive a reference packet that contains supplemental course material. As a matter of policy CSTI does not sell material produced by faculty and staff. For the material to be of maximum benefit, it is necessary to attend the course.

Cancellation Policy

CSTI reserves the right to cancel any program. Should this occur, every effort will be made to reschedule the course. All applicants will be notified promptly of any rescheduled or cancelled courses.

Attire Policy

Casual attire is recommended. While lightweight clothing during summer months is acceptable (i.e., walking shorts and polo shirts) cutoffs, tank tops, etc., are not. A sweater or light jacket is also recommended as weather and classroom temperatures may vary throughout the day. Participants in response-oriented Hazardous Materials courses or the Officer Safety and Field Tactics course are urged to bring foul-weather gear.

Animal/Dog Policy

To maintain a professional atmosphere, to avoid disturbing or distracting other participants, and as a courtesy to individuals with allergies or asthma, please do not bring pets to class. This policy does not apply to dogs trained or in training for use in law enforcement or as "seeing eye", "signal", or "service" dogs used to guide a physically impaired person, provided that such dogs remain under the responsible person's immediate control at all times.

Course Descriptions



Multi-Hazard Safety Program for Schools

G362

2-day/16-hr. course

This course is designed to help participants recognize the need to plan for all types of disasters. Since planning is a process, planning is included in every unit and activity.

Participants completing the course will be able to explain the importance of a school safety program to others and to lead individuals in their schools and community through the process of developing an effective multi-hazard program.

Emergency Planning and Special Needs Populations

G197

2-1/2 day/20-hr. course

This module is intended to provide those with responsibilities for providing emergency planning or care of seniors, people with disabilities, and/or special needs groups with the skills and knowledge they will need to prepare for, respond to, and recover from emergency situations.

Emergency Management for Business and Industry

(in development)

5-day/40 hr. course

The course is designed to bridge the gap between the business and industry community and the public sector. It is a step-by-step approach to mitigation, preparedness, response, and recovery planning for private industry. Topics to be included are:

- The Planning Process
- Basic Emergency Management Considerations
- Hazard-Specific and Hazard Analysis for Business
- Business Continuity, Resumption, and Recovery
- Working with Emergency Management in Government

Communications and Information Management

For more information on these courses, please call (805) 549-3536.



Crisis Communications and the Media, First Level

4-1/2 day/40-hr. course

POST certified

This course is designed for anyone who will be working with the media in times of crisis. This is the first in a three part series. The program emphasizes the importance of developing a PIO team, communication skills, teamwork, and leadership. Participants engage in public speaking exercises and media interview sessions. Classroom and breakout sessions are information intensive and are designed to help participants apply principles and techniques taught in the discussions. Participants will meet representatives from agencies involved in a crisis of major proportions. Includes certification in "Basic Public Information Officer" G290.

Topics discussed include:

- Meeting the Media's Needs
- Interview Laboratories
- The Information Process
- Case Studies
- PIO Team Training
- Public Speaking
- Communicator in Crisis
- Legal Aspects





Crisis Communications and the Media, Second Level

4-1/2 day/40-hr. course

POST certified

Prerequisite: CCM, First Level, previous CSTI PIO course or approval of the Course Manager

The Second Level course features a smaller class size and an emphasis on more in-depth training in advanced sessions. The course seeks to draw on the participants' experience in a variety of settings.

Key discussions focus on the following areas:

- Advanced Media Relations
- Handling Hostile Groups
- Using the Internet
- Legal Updates
- Interview Laboratories

Crisis Communications and the Media, Third Level

4-1/2 day/40-hr. course

Prerequisite: CCM, Second Level or approval of the Course Manager

Third Level sessions feature a great deal of discussion drawing on the knowledge and experience of the participants. Breakout sessions requiring real solutions to a variety of scenarios are mixed with lecture and discussion.

Discussion topics include:

- Enhanced Presentation Skills
- Strategy Sessions
- Leadership
- Credibility
- The Political Influence

Public Safety Dispatcher in Emergency Management

2-1/2 day/20-hr. course

POST certified

The Public Safety Dispatcher course is a very comprehensive two and one-half day seminar/workshop designed to help participants perform their critical jobs during crises. Eligible participants include dispatchers and supervisors, disaster managers, and emergency services coordinators. Classroom sessions feature in-depth lecture, review of actual emergencies, and participant discussion.

The following key topics are addressed:

- Dispatchers and SEMS
- Law/Fire Emergencies
- Dispatchers and the Media
- Hostage/Suicide Calls
- Psychological Issues
- Dispatchers in the EOC

Disaster Operations and Recovery

For more information on these courses, please call (805) 549-3536.

Earthquake:

An Introduction to Emergency Management in California

4-1/2 day/40-hr. course

POST certified

CSTI'S Earthquake course is the core course in the emergency management curriculum. This training program introduces participants to key emergency management principles and practices using a complex natural disaster: Earthquake. Participants will be involved in a progressive series of exercises culminating in a realistic earthquake simulation as a member of an emergency management team.

Individual enrollments are welcome. However, when possible, participants are encouraged to enroll as a team from a jurisdiction: comprised of their Chief Executive Officer, department heads, operations officers, emergency planners, and others with essential emergency management responsibilities.

The importance of a comprehensive set of strategies is stressed. Those strategies include initial disaster response and options to mitigate the impact of disasters before they happen and to strengthen preparations for prompt, effective restoration during recovery.

Key topics covered are:

- Seismological and Geological Considerations
- Standard Emergency Management System (SEMS)
- First Responder Issues
- Action Planning
- Behavioral Considerations
- Information Technologies for Earthquakes
- Mutual Aid
- Disaster Automation
- Emergency Public Information
- EOC Organization and Functions
- Emergency Management Exercising
- Damage Assessment
- Volunteer Services

Disaster Recovery

4-1/2 day/40-hr. course

Recommended prerequisite: Earthquake: An Introduction to Emergency Management in California

POST certified

This course provides background in disaster recovery with focus on the physical, economic, and social activity involved. Particular focus is given to an individual's role in the recovery process. Specially designed, practical application exercises provide tools and insight essential to developing strategies for recovery.

The following key course topics are addressed:

- Identifying Short-, Mid-, and Long-range Recovery Issues
- The Benefits of a Multi-Disciplinary Approach
- Design and Implementation of a Strategic Plan
- Successful Recovery Approaches and Procedures

Emergency Operations Center (EOC): Design and Function

5-day/40-hr. course

Recommended Prerequisite: Earthquake or Disaster Planning

POST certified

In any Emergency Operations Center (EOC), the main goal is to disseminate information quickly and accurately so resources get to where they are most needed. It takes a well-organized team of emergency coordinators to operate effectively. The goal of this course is to help local jurisdictions, special districts or industry improve their centralized management. Participants will learn to manage information, use decision-making processes, resource applications, and logistical support in preparing for and responding to disasters.

As part of this course, participants will strengthen their understanding of the following objectives offered through EOC training:

- EOC Design and Purpose
- Staffing Roles
- Supporting Requirements
- EOC Functions
- Designing and Managing an EOC consistent with the Standardized Emergency Management System (SEMS)

Small group workshop activities are used to reinforce and develop skills in EOC design and function. In addition, participants will compare the operations of a variety of EOCs throughout California presented as examples. This course also includes an exercise that simulates the activation of an EOC during the onset of a major disaster, and the actions necessary to make that activation successful.

Emergency Operations Center (EOC): Planning/Intelligence

2-day/16-hr. course

This training program will discuss the different functions performed by the Planning/Intelligence Section, including:

- Situation Analysis
- Documentation
- Advance Planning
- Demobilization
- Technical Specialists

The course will focus on developing personnel for the various units and how tasks will be performed. There will be an emphasis on the Situation Analysis Unit and how to generate, manage and distribute information and create intelligence from the data, and on the EOC Action Plan and Action Planning process.

Managing Sustained Operations

5-day/40-hr. course

Recommended Prerequisite: Earthquake or Disaster Planning
POST certified

Effectively managing ongoing response efforts to any disaster is essential. This course is intended to assist jurisdictions in planning for and managing an extended response to a disaster.

Techniques for managing sustained operations within the SEMS process are presented. The information gathering process, the development of intelligence, the Action Plan and Action Planning Process as key tools in managing extended operations are emphasized.

Throughout the course, the following topics will be discussed:

- Applying the SEMS Process to Sustained Operations
- The Role of State OES in Sustained Operations
- Psychological/Physical Impact on Staff
- Managing Donated Goods and Services
- Resource Management
- Demobilization
- The EOC Environment
- Long-Term Resource Support
- The Action Planning Process
- Media and VIP Considerations
- Recovery Issues
- Sustained Operations from the Operations Area
- Regional Support to Local Jurisdictions
- Finance/Administration Considerations



Disaster Medical Operations

4-day/32-hr. course

Disaster Medical Operations poses questions that must be addressed in preparing for catastrophic medical incidents. Discussions focus on critical issues essential to response operations, challenging many common assumptions. This course is vitally important for disaster EMS responders, public health planners and care providers who require an orientation to the impact of disasters on our medical systems.

The following key topics are addressed:

- Understanding the Disaster Medical Problem
- Disaster Coroner Operations
- Medical Command Systems
- The Federal Response
- Legal Issues in Medical Disasters
- Emergency Public Information
- EMS Problems in Triage and Austere Medical Protocols
- Disaster Implications for Medical Facilities
- Setting Priorities in a Mass Casualty Environment

Emphasis is placed on applications of the Standardized Emergency Management System (SEMS) to disaster medical response planning issues.



Hazardous Materials Incident Commander

5-day/36-hr. course

POST certified

This course provides the tools needed to assume control of an emergency response to a hazardous materials incident. It focuses on legal and practical requirements to safely and competently manage a hazardous materials incident.

Completing this course exceeds the training requirements of state and federal OSHA HAZWOPER regulations. These regulations require many government agencies and private companies to train certain employees to manage an emergency response to a release or potential release of hazardous material.

Course topics include: Incident Command System, recognition of hazardous materials, hazard assessment, selection of chemical protective equipment and protective actions, agency coordination, plans and regulations, managing the media, and working with an emergency operations center. Instructional methods include class activities, case studies, and tabletop exercises with emphasis on hands-on decision making.

For more information on this course, please call (805) 549-3344.

Damage Assessment and Recovery

2-day/16-hr. course

This course shows participants how to organize and deploy resources following a disaster to quickly get an assessment of what has happened. The stages in the recovery process, from inspection to making financial claims, are explained by experts.

The following topics are covered:

- Standardized Emergency Management System (SEMS) and Recovery Planning
- Getting Organized for Post-Disaster Inspection
- Public Assistance Claims Process
- Structural Damage Assessment Techniques
- Assessment Management (ATC-20)
- Lessons from California Disasters
- Damage Assessment Exercise

This course is strongly recommended for building officials and building inspection managers, finance staff and recovery coordinators from cities, counties, schools, industry and special districts.

Flood Management

4-day/32-hr. course

CSTI's Flood Management course presents participants with an overview of the many facets of flood disasters; hazard identification, planning and preparedness, mitigation, response, and recovery. This comprehensive overview of flood disasters will enhance general understanding of the flood phenomenon, enabling better preparation for the next inevitable event.

Key topics include:

- Weather and Flood Forecasting Technology
- Flood Operations - Case Studies
- Swift Water Rescue Systems
- Flood Hydrology and Measurement
- Flood Plain Management
- Hazardous Materials Response in Floods
- Flood Recovery Issues

For more information on these courses, please call (805) 549-3536

Hazard Identification and Threat Analysis

2-1/2 day/20-hr. course

This course provides tools for analyzing local vulnerabilities to natural and man-made disasters. Hazard analysis is the foundation for disaster planning because it allows jurisdictions and organizations to set response priorities and identify resources. Participants focus on the interaction between geological hazards such as earthquakes, landslides and flooding, the environment, and the community. New analytical methods for terrorism threats are also included.

Exercises and workshops will also address hazard analysis during disaster response, including the role of planning/intelligence activities, action planning and integration of hazard assessment into the emergency operations organizations.

Disaster Mitigation

5-day/40-hr. course

Disaster mitigation programs and strategies can dramatically lower the impact disasters will have on all levels of government, business and industry. Course emphasis is on creation of a winning mitigation strategy that can result in significant hazard reduction for a community or organization.

Topics presented are:

- Introduction to Disaster Mitigation
- Risk Assessment Techniques for Mitigation
- Mitigation Case Studies
- Developing a Winning Mitigation Plan
- The Life Safety Standard
 - Retrofitting Existing Buildings
 - New Construction
- Mitigation for Life Lines (Utilities)
- Citizen Response Teams as Mitigation
- The Future of Mitigation
- The Grant Program
- Structural and Non-Structural Mitigation

Disaster Planning

5-day/40-hr. course

Prerequisite: SEMS Introductory Course or completion of the SEMS Introductory Exam included in the course confirmation package.

POST certified

Developing an all-hazard plan for protecting lives and property may seem like an extremely difficult challenge - it need not be. Emergency operations planning need not start from scratch. Those tasked with writing an emergency operations plan should take advantage of others' experiences. The Disaster Planning course at CSTI guides you through a number of processes to make your planning process easier and more successful.

The public expects emergency managers to take immediate action to minimize the impact caused by disasters and emergencies. Those actions are most successful when planned. In this course, participants will learn the tools and techniques for developing or enhancing an all-hazard emergency operations plan.

The following key topics are discussed:

- The Planning Process
- Using SWOT Analysis tools
- Situation Assessment
- Hazard Threat and Risk Analysis
- Using SEMS as a Guide for Written Plans
- Planning for:
 - Business, Volunteer and Service Organizations
 - Terrorism
 - Emergency Medical
- How Disasters in Other Countries Affect California
- Mitigation and Recovery
- Exercises
- California Emergency Planning Guidance
- Recovery Issues
- Case Studies from Local Government



Drug/Methamphetamine Laboratory Courses

For more information on these courses, please call (805) 549-3397.

The alarming dangers and environmental degradation caused by illegal methamphetamine laboratories put first responders at significant risk. In association with the Department of Toxic Substances Control and the California Environmental Protection Agency, the California Specialized Training Institute has developed the following courses. These field level courses are designed to provide police officers, firefighters, environmental health professionals and other emergency responders with the information and techniques necessary to appropriately manage hazardous materials encountered in the clandestine drug laboratory context.

All courses are consistent with, and meet the provisions of Title 29, Code of Federal Regulations and Title 8, California Code of Regulations.

Clandestine Methamphetamine Laboratory Chemical/Hazardous Waste Assessment and Identification - Specialist Employee

3-day/24-hr. course

Drug Laboratory Cylinders

1-day/8-hr. course

Haz Mat Clandestine Drug Laboratory Chemical Identification

5-day/40-hr. course

Haz Mat Clandestine Drug Laboratory Waste Operations (CLANWOPER)

5-day/40-hr. course

First Responder Awareness (Methamphetamine) (FRAM)

see description under Hazardous Materials Response

First Responder Operations (Methamphetamine) (FROM)

see description under Hazardous Materials Response

Emergency Management Professional Development

For more information on these courses, please call (805) 549-3536.

Emergency Services Coordinator (ESC): Basic Training

3-day/24-hr. course

Learn about the ESC's role and typical responsibilities in:

- Consensus Building
- Design and Delivery of Emergency Management Training
- Executive Support
- Fiscal Issues
- Disaster Assistance
- Development/Maintenance of the Jurisdiction's Emergency Plan
- Exercising Disaster Response and Recovery Personnel
- Disaster Response and Recovery Coordination

In concert with staff from the California Emergency Services Association (CESA), CSTI developed a basic workshop/seminar for newly assigned emergency managers and coordinators or for practicing ESCs desiring to hone their skills and review best practices.

Emergency Services Coordinator (ESC): Advanced Training

(Under Development)

The ESC advanced course picks up where the ESC basic course ends. With the fundamentals of the ESC job described in the basic course, the advanced course explores in greater detail the duties and responsibilities of the ESC. The course also covers additional topics not presented in the basic course. Additional topics include business and industry emergency planning, volunteer and donated goods management, as well as working with community based and other non-governmental organizations.

Hazardous Materials Instructor Courses

For more information on these courses, please call (805) 549-3344.

The Hazardous Materials Instructor Certification Program was implemented in 1987 to expand hazardous materials emergency response training throughout California. In 1995, weapons of mass destruction emergency response training was added. Since then, over 1700 hazardous materials field instructors and 350,000 emergency personnel have been certified.

This may be the most efficient Hazmat/WMD training program an organization will ever undergo; many will benefit from the experience of just a few. It is State certified. This 5-day, 40-hour course is for first-time instructors. It is designed to prepare participants for hazardous materials and weapons of mass destruction training by providing complete instructional skills. The program focuses on basic training techniques, supplies, instructor guides, audio/visual resources and performance standards to fulfill certification requirements.

Certification will be granted under CA Gov. Code Section 8574.19-23 and CA Code of Regulations Title 19, Section 2516-2560. You may become certified as an instructor of the following Hazardous Materials courses:

- Haz Mat/WMD First Responder Awareness/Operations*
- Haz Mat/WMD First Responder Operations Decontamination*
- Haz Mat/WMD Incident Commander*
- Haz Mat/WMD Technician, Level A-D*
- Haz Mat/WMD Specialist, Level F-G
- Emergency Medical Response
- Hazardous Materials Industry Technician
- General Site Worker
- Mass Decontamination
- Hazardous Materials for Health Care
- First Responder Awareness (Methamphetamine)
- First Responder Operations (Methamphetamine)
- Hazardous Materials Investigations
- WMD/Haz Mat Operations for Law Enforcement Field Support
- Assistant Safety Officer

* NFPA ProBoard certified. CSTI is a ProBoard provider.



Haz Mat/Weapons of Mass Destruction Instructor Certification

5-day/40-hr. course

Prerequisite: HM First Responder Operations

For first-time instructors, this course is designed to prepare participants for Haz Mat/WMD training by providing complete instruction skills. It teaches basic training techniques, supplies first responder notebook, plans of instruction, CD, audio/visual resources and performance standards, thus fulfilling certification requirements.

When participants have completed this course, they will be certified to instruct the Haz Mat and/or WMD First Responder Awareness, First Responder Operations, and if qualified, the Incident Commander course.



Haz Mat/Weapons of Mass Destruction Instructor Certification For Trainers

2-day/16-hr. course

Prerequisite: First Responder Operations and proof of previous training experience

(POST-Certified)

For experienced trainers, this accelerated instructor course focuses on the review of curriculum, instructional techniques, and CSTI policies and procedures to reinforce previous instructor training.

When participants have completed this course, they will be certified to instruct the Haz Mat and/or WMD First Responder Awareness, First Responder Operations, and if qualified, the Incident Commander courses.

Participants in this abbreviated class must have previous training experience.

Hazardous Materials/WMD Refresher Courses

CSTI offers a number of courses to meet OSHA annual refresher training requirements. If your department would like to sponsor refresher training, please contact us at (805) 549-3344.

The following is a list of courses CSTI offers as refresher training:



Haz Mat/WMD First Responder Operations



Haz Mat/WMD Incident Commander



Haz Mat/WMD Technician, Level A-D



Haz Mat/WMD Specialist, Level F-G

- Hazardous Materials Industry Technician
- Hazardous Materials General Site Worker

The Haz Mat/WMD Refresher courses meet OSHA requirements under 29 Code of Federal Regulations (CFR) 1910.120(Q) and the California Code of Regulations Title 8, Section 5192(q).

Hazardous Materials Response

For more information about these courses please call (805) 549-3344.



First Responder Awareness (Methamphetamine)(FRAM)

1-day/4-hr. course

This hazardous materials First Responder Awareness level course was developed to meet the training needs of public safety personnel, environmental health officials and others who may encounter clandestine methamphetamine laboratories or clandestine methamphetamine hazardous waste abandonment sites.

First Responders at the awareness level are required to recognize clandestine methamphetamine laboratories and clandestine methamphetamine hazardous waste abandonment sites, isolate the area immediately involved and make appropriate notifications to ensure an efficient and effective response for investigation and management.

The First Responder Awareness course meets the requirements of Title 29, Code of Federal Regulations, 1910.120, Title 40, Code of Federal Regulations, 311 and Title 8, California Code of Regulations, 5192.

First Responder Operations (Methamphetamine)(FROM)

1-day/8-hr. course

This hazardous materials First Responder Operations level course was developed to meet the training needs of public safety personnel, environmental health officials and others who may be called to the scene of clandestine methamphetamine laboratories or clandestine methamphetamine hazardous waste abandonment sites.

First Responders at the operations level respond to incidents in a defensive fashion within existing resources and capabilities to contain releases from a safe distance, to keep releases from spreading and to prevent exposures to nearby persons, property or environment. CSTI uses a combination of exercises and classroom presentations designed to provide those skills necessary to safely manage the initial response to clandestine methamphetamine laboratories and clandestine methamphetamine laboratory waste abandonment sites.

This course is consistent with the provisions of Title 29, Code of Federal Regulations, 1910.120, Title 40, Code of Federal Regulations, 311 and Title 8, California Code of Regulations, 5192.



Hazardous Materials First Responder Operations

3-day/24-hr. course

NFPA ProBoard certified

This course is designed to train participants how to respond defensively to a hazardous materials release. Topics include: what constitutes a “hazardous material”, prevention of spread and exposure, protection of people, the environment and property in the immediate vicinity. Participants will be involved in both technical training and exercises to practice safe and competent response to a hazardous materials emergency.

CSTI’s multi-disciplinary approach combines lecture, group activities and exercises. This program exceeds OSHA requirements for Haz Mat training programs for the fire service, law enforcement agencies, health departments and private industry.

Haz Mat First Responder Operations meets OSHA requirements under 29 Code of Federal Regulations (CFR) 1910.120(Q) and the California Code of Regulations Title 8, Section 5192(Q). Anyone who responds to a Haz Mat or WMD incident (i.e., fire, law, health, transportation, public works, private industry) must have a minimum of this level of training.



Hazardous Materials/Weapons of Mass Destruction First Responder Operations Decontamination

1-day/8-hr. course

Prerequisite: Haz Mat First Responder Operations

This course is designed to train participants to perform primary “level B” decontamination operations at a Haz Mat/WMD response. Hands-on training in decontamination procedures and the use of personal protective equipment allows participants trained at the First Responder Operations level to work on a decontamination team. Those successfully completing this course can provide agencies and companies a cost-effective solution to the problem of providing an adequate number of decontamination team personnel.

CSTI’s multi-disciplinary approach combines lecture, group activities, and exercises. This program exceeds OSHA requirements for Haz Mat/WMD training programs for the fire service, law enforcement agencies, health departments and private industry.

Haz Mat/WMD First Responder Operations Decontamination meets OSHA requirements under 29 Code of Federal Regulations (CFR) 1910.120(Q) and the California Code of Regulations Title 8, Section 5192(Q).



Hazardous Materials Incident Commander

5-day/36-hr. course

POST certified , NFPA ProBoard certified

This 36-hour Haz Mat Incident Commander course provides all First Responder Operations competencies as well as the tools needed to assume control of an emergency response to a haz mat or WMD incident. It focuses on legal and practical requirements to safely and competently manage a haz mat incident.

continued next page

Completing this course exceeds the training requirements of state and federal OSHA HAZWOPER regulations. These regulations require many government agencies and private companies to train certain employees to manage an emergency response to a release or potential release of hazardous materials.

Course topics include: Incident Command System, recognition of hazardous materials, hazard assessment, selection of chemical protective equipment and protective actions, agency coordination, plans and regulations, managing the media, and working with an emergency operations center. Instructional methods include class activities, case studies, and tabletop exercises with emphasis on hands-on decision making.



24 Hour Hazardous Materials Incident Commander

3-day/24 hour

Prerequisite: First Responder Operations

NFPA Pro Board certified

This 24-hour Haz Mat Incident Commander course provides the tools needed to assume control of an emergency response to a haz mat or WMD incident for those already certified at the First Responder Operations level. It focuses on legal and practical requirements to safely and competently manage a haz mat incident.

Completing this course exceeds the training requirements of state and federal OSHA HAZWOPER regulations. These regulations require many government agencies and private companies to train certain employees to manage an emergency response to a release or potential release of hazardous materials.

Course topics include: Incident Command System, hazard assessment, protective actions, agency coordination, plans and regulations, managing the media, and working with an emergency operations center. Instructional methods include class activities, case studies, and tabletop exercises with emphasis on hands-on decision making.



Hazardous Materials Technician, Level A-D

(4) 5-day/40-hr. courses

Prerequisite: Haz Mat First Responder Operations

NFPA ProBoard certified

Learning the skills of a Haz Mat/WMD Technician, participants will gain the knowledge it takes to perform as a vital member of a Haz Mat/WMD Response Team. Course completion certificates will be given upon finishing each module. Successful completion of the first four modules of the Technician series A-D certifies participants by the Office of Emergency Services/CSTI at the Technician level. Additional course work is necessary to upgrade to the Specialist level.

Upon successful completion of the Technician level, participants may complete the final two modules of the series: Special Mitigation Techniques (F) and Tactical Field Operations (G) to be certified as a Hazardous Materials Specialist.

The Technician series meets OSHA requirements under 29 Code of Federal Regulations (CFR) 1910.120(a) and the California Code of Regulations Title 8, Section 5192(Q).



Hazardous Materials Specialist, Level F-G

(2) 5-day/40-hr. courses

Prerequisite: Haz Mat Technician, Level A-D

The Specialist courses are the highest level of training competency available for a Hazardous Materials Team member. By taking advantage of all the Technician/Specialist courses, participants will have the opportunity to work with CSTI's state-of-the-art Hazardous Materials Field Exercise Facility, or the off-site mobile training trailer. CSTI provides hands-on training for all Hazardous Materials courses. This course simulates leaks at realistic pressures and flows. Certificates are issued upon completion of each module. Participants successfully completing the two modules of the Specialist series F-G will be certified by the Office of Emergency Services/CSTI at the Specialist level. The on-site training aids include:

- 5-Dome Railroad Tank Car Capable of Generating Typical Leaks
- 1-Ton and 150 lb. Chlorine Containers
- Various Types of Cargo Tank Trucks
- Simulated Drum Dump
- Pipe Tree
- Bulk Storage Tanks
- Illegal Drug Laboratories
- Inter-modal Tank Container
- Storm Drains
- 13 Rail Car Derailment Site
- WMD Scenarios

The Specialist series meets OSHA requirements under 29 Code of Federal Regulations (CFR) 1910.120(Q) and the California Code of Regulations Title 8, Section 5192(Q).



Hazardous Materials Technician/Specialist Terrorism

3-day/24-hr. course

Prerequisite: Competency at the Hazardous Materials Technician level

This course trains emergency responders currently certified at the Technician/Specialist level to respond to a hazardous materials incident involving criminal or terrorist activities.

Some of the topics covered include the following:

- Recognition that an Incident may not be Accidental
- Identification of Potential Targets
- Identification of Chemical Warfare Agents, their DOT Hazard Class, and Associated Hazards
- Detection Equipment, its Application to Chemical Warfare Agents
- Biological Agents Recognition and Delivery Methods
- Mass Decontamination Procedures
- The Federal Response Plan at a Hazardous Materials Terrorism Incident

Hazardous Materials Specialty Courses

For more information on these courses please call (805) 549-3344.



CAMEO: Computer-Aided Management of Emergency Operations

3-day/24-hr. course

The National Oceanic and Atmospheric Administration (NOAA) has developed the CAMEO system for first responders. It monitors and assists in the management of hazardous materials releases affecting the public, the environment, and property.

CAMEO is composed of three important components:

- Chemical Database
- Air Plume Model
- Marplot Mapping

The database contains thousands of synonyms, identification numbers, and labeling conventions, each cross-referenced with standard names and numbers used in the transportation industry. The Plume model is used to track concentrations of contamination and areas affected. The Marplot Mapping feature is designed to give information on building layout, chemical storage, and mapping as related to response.

Please contact us at (805) 549-3344 if you are interested in sponsoring a CAMEO course in your jurisdiction. We teach CAMEO for Macintosh and Windows!



Hazardous Materials Assistant Safety Officer

3-day/24-hr. course

Prerequisite: Hazardous Materials Technician/Specialist certification

Safe hazardous materials incident operations are critical to response and containment. You will begin by assessing the incident as a “big picture” and learn to maintain site safety and control. This course is designed for those who may be placed as the incident ASO.

Course emphasis includes:

- Incident Oversight for Safe Chemical Field Analysis and Monitoring
- Risk Management and Overall Incident Safety Principles
- Departmental and Personal Legal Liabilities
- Proper and Safe Use of PPE
- Site Safety Plans - Review and Interpretation
- Safety Briefings - Content, Format, Delivery, and Review
- Practical Exercises

This course satisfies annual “refresher” training requirements per OSHA Title 8, Section 5192 (HAZWOPER).

Hazardous Materials Industry Technician

5-day/40-hr. course

In the Hazardous Materials Industry Technician course, we will provide you with the required skills and knowledge to effectively respond to private industry hazardous materials events using necessary safety tactics in a professional, competent capacity. You will learn proper procedures for using field survey instruments and equipment, specialized PPE, and techniques for control, containment and/or confinement operations, as well as gain experience in rescuing injured or contaminated persons (within resource capabilities and available PPE).

We stress the following important points and key topics throughout the course:

- The Employer's Emergency Response Plan
- Site Safety Plans and Standard Operating Procedures
- Classification, Identification and Verification of Known and Unknown Materials
- Chemical Protective Clothing and Equipment
- Toxicology
- Spill and Leak Control
- Decontamination Procedures
- Incident Command System

As an emergency responder in the private sector, you are required to comply with California Code of Regulations Title 8, Section 5192. You will receive training in the objectives established in subsection (q)(6)(C).

Hazardous Materials General Site Worker (40-Hour Hazwoper)

5-day/40-hr. course

This course provides participants with the skills and knowledge to safely and effectively work at an uncontrolled hazardous waste site and/or a post-emergency clean-up operation.

Hands-on emphasis is placed on the following:

- Chemical and General Safety Hazards
- Toxicology
- Chemical Protective Clothing/Equipment
- Confined Space Operations Awareness
- Spill Control
- Decontamination Operations
- Site SOP and Emergency Response

This course meets the classroom training requirements of OSHA, CCR Title 8, Section 5192(e). Participants receive training on the objectives established in subsection (e)(3)(A). State Certification is found in CCR Title 19, Section 2510-2560.

Hazardous Materials Investigations

5-day/40-hr. course

Hazardous materials, due to their inherent nature and potential usefulness, can be beneficial when properly managed, transported and stored. However, under unfavorable conditions (i.e., when improperly managed, released from proper containment or allowed to react without proper controls) they present significant potential for harm.

This course is designed for those charged with the responsibility to investigate hazardous materials incidents, document their findings, and follow through on the results of these investigations.

Participants learn techniques involved in thoroughly investigating hazardous materials incidents; identifying, gathering and evaluating associated evidence; documenting the investigative progress; determining if any criminal and/or civil violations have occurred; and arranging for the proper disposition of the investigator's final work product.

Hazardous Materials/WMD Rail Car Safety

4-1/2 day/36-hr. course

Developed as a cooperative effort between CSTI and Southern Pacific Railroad, this course is a comprehensive, hands-on training program. Participants are provided theoretical and practical application of hazardous materials safety techniques and practices required when responding to railcar incidents and WMD events. Classroom discussion will be combined with hands-on exercises at CSTI's 13 rail car derailment site.

Course focus:

- Rail Car Design
- Rail Car Identification
- Valve Repair
- Leak Mitigation
- Tank Car Damage Assessment
- Product Transfer
- Product Flaring/Vent and Burn
- Full Field Exercises





Hazardous Materials Radiation Emergency Response

2-day/16-hr. course

In a transportation incident, radioactive materials may be among the many kinds of hazardous substances to which emergency personnel must respond. The scope of this 16-hour course is to prepare participants to make the proper life-safety decisions involving rescue of persons involved in a radioactive emergency. Some of the topics include:

- What is Radiation
- Health Effects of Radiation
- NFPA 473 Requirements
- Toxicology
- Treatment Protocols
- Hazardous Materials Team Medical Support
- Ambulance Preparation

This course meets and exceeds CA EMSA Training Requirements for EMS personnel who respond to Hazardous Materials Incidents, CGC 8574.19-23 Awareness Level, and NFPA 473 Level I. OES/CSTI is a Continuing Education (CE) provider for paramedics (EMT-Ps) in the State of California. 16 hours of CE credit.

Hazardous Materials Technical Reference Specialist

4-1/2 day/36-hr. course

Prerequisite: Hazardous Materials Technician/Specialist certification

This course provides the training necessary to assume the duties of an ICS Technical Specialist-Hazardous Materials Reference in a hazardous materials response. Course emphasis includes:

- Hazardous Materials Chemistry
- In-depth Chemical Field Analysis
- Advanced Monitoring Equipment
- Sample Taking and Analysis
- Use of Computer Databases
(CAMEO, MARPLOT, ChemKnowledge, etc.)

This is a great opportunity for participants to keep their certification current as well as develop new skills! This course satisfies annual refresher training requirements per OSHA Title 8, Section 5192 (HAZWOPER).



Mass Casualty Decontamination (Haz Mat/WMD)

1-1/2 day/12-hr. course

This course will provide first responders and hazardous materials team members practical guidelines and steps to deal with mass casualty decontamination operations for Haz Mat/WMD events. Topics include cultural sensitivity, language issues and protection of modesty when dealing with the public. Other topics include emergency and planned decontamination, equipment, transportation and hospital considerations. The subject matter is targeted toward both Weapons of Mass Destruction and conventional hazardous materials incidents.

For more information on these courses, please call (805) 549-3344.



Emergency Medical Response to Weapons of Mass Destruction

2-day/16-hr. course

Emergency Medical Response to Weapons of Mass Destruction Guide for First Responder Awareness/Operations (not designed for Technicians/Specialists). This course is designed for those certified at the First Responder Operations, Incident Command level or those expected to offer medical support. It may also be suitable for Technician level; however, Technicians/Specialists should attend the 3-day Terrorism course. This course will cover topics regarding weapons used, mass casualty triage, decontamination, treatment and transport, and available statewide resources.



Hazardous Materials/Weapons of Mass Destruction First Responder Operations Emergency Medical Response

2-day/16-hr. course

This course is designed for emergency medical responders who will be called to the scene of a hazardous materials and weapons of mass destruction incident to provide medical care to victims and medical support to the Hazardous Materials Team.

Topics covered include:

- Recognition clues for Haz Mat and WMD events
- Characteristics of chemical, biological, radiological and explosive agent incidents
- Roles and responsibilities of Emergency Medical Response personnel at Haz Mat and WMD events
- The Incident Command System
- Identification and hazard assessment techniques
- The need, types, selection and limitations of Personal Protective Equipment
- Use of DOT Emergency Response Guidebook
- Decontamination
- Risk vs. Gain
- Evidence Preservation
- Triage based on WMD criteria
- Medical Monitoring of Haz Mat Team members
- Assessment and Treatment of Victims at Haz Mat and WMD Incidents

This course meets and exceeds CA EMSA Training Requirements for EMS personnel who respond to Hazardous Materials Incidents, CGC 8574.19-23 Operations Level, and NFPA 473 Levels I and II. OES/CSTI is a Continuing Education (CE) provider for paramedics (EMT-Ps) in the State of California. 16 hours of CE credit is available upon successful completion of this course.

Hospital Operations and Decontamination - Haz Mat/WMD for Health Care

2-day/16-hr. course

This course is designed for hospital and health care personnel to implement appropriate single incident and mass casualty decontamination operations at a hospital. Focus will be on Weapons of Mass Destruction, internal and external hazardous materials incidents.

Topics include required equipment, personal protective clothing and the transfer of field decontamination operations to hospital decontamination operations.



Disaster Medical Operations

4-day/32-hr. course

Disaster Medical Operations poses questions that must be addressed in preparing for catastrophic medical incidents. Discussions focus on critical issues essential to response operations, challenging many common assumptions. This course is vitally important for Disaster EMS responders and public health planners and care providers who require an orientation to the impact of disasters on our medical systems.

The following key topics are addressed:

- Understanding the Disaster Medical Problem
- Disaster Coroner Operations
- Medical Command Systems
- The Federal Response
- Legal Issues in Medical Disasters
- Emergency Public Information
- EMS Problems in Triage and Austere Medical Protocols
- Disaster Implications for Medical Facilities
- Setting Priorities in a Mass Casualty Environment

Emphasis is given to applying the Standardized Emergency Management System (SEMS) to disaster medical response planning.

For more information on this course, please call (805) 549-3536.

Officer Safety and Field Tactics

For more information on these courses, please call (805) 549-3536

Officer Safety and Field Tactics

5-day/40-hr. course

POST certified

One of CSTI's most popular courses, the Officer Safety and Field Tactics program was the first of its kind and has drawn participants from throughout the state and nation. This course is specifically designed for experienced law enforcement patrol officers and field supervisors. The course's primary purpose is to enhance and reinforce the individual officer's personal safety, tactical effectiveness and survival skills. Course participants will spend the majority of their time training in a tactical field environment, accompanied by some classroom-based orientation and skills review.

The core curriculum includes the following subjects:

- Patrol Tactics and Officer Response
- Officer Survival: Mindset and Fitness
- Arrest and Control Skills
- Building Entry and Search Tactics
- Weapon Retention
- Tactical Response Scenarios
- Weapons Familiarization
- Legal Update in the Use of Force
- Tactical/Combat Shooting
- Ethical Conduct When Using Force
- Use of Force

Some of the following additional topics may also be covered:

- Criminal Gangs Update
- Terrorism: Overview and Indicators
- Major Incident Response
- Explosives Awareness

As part of this training, participants will engage in both day and night combat shooting courses on our versatile 800-yard tactical live fire range and participate in tactical response scenarios using Simunition® Marking Cartridges in our training village and warehouse.

This course can only be attended by on-duty sworn law enforcement personnel and can be applied towards the P.O.S.T. Continual Professional Training (CPT) requirement for California peace officers.

Officer Safety and Field Tactics for Arson Investigators

5-day/40-hr. course

By providing the arson investigator with contemporary law enforcement tactical training and well-established officer survival skills, CSTI strives to enhance personal safety and effectiveness, with emphasis on the following specific needs and concerns of the arson investigator:

- Field Tactics for the Plainclothes Investigator
- Use of Force
- Arrest and Control Skills
- Officer Survival: Mindset and Physical Fitness
- Tactical/Combat Shooting
- Tactical Scenarios
- Weapons and Explosives Familiarization
- Building Entry and Search
- Criminal Gangs Update
- Vehicle Operations and Tactics
- Legal Update in the Use of Force

As part of this training, participants will engage in both day and night combat shooting courses on CSTI's versatile 800-yard tactical live fire range and participate in tactical response scenarios using Simunition® Marking Cartridges in the training village and warehouse.

Officer Safety Field Training - Special Seminars

Officer Safety has been a part of the central mission of the Institute for nearly thirty years. Our Officer Safety and Field Tactics Course has a national reputation for excellence and current relativity. Our staff of professionally recognized experts are available to design and deliver customized courses that meet the needs of your law enforcement agency, jurisdiction or organization.



Readiness Program

For more information on this program, please call (805) 549-3529.

CSTI has integrated FEMA's Comprehensive Exercise Program (CEP) and California's Readiness Program (RP) to meet the unique needs of the State. The Readiness Program reaches jurisdictions through the federally funded Emergency Management Performance Grant (EMPG). The curriculum is designed to provide the most extensive exercise design training available. The RP's main goal is to improve jurisdictional readiness through emergency management exercising. The purpose of emergency management exercising is to evaluate all aspects of emergency plans and operations. This Readiness Program begins with training jurisdictional exercise design teams to plan, design, conduct, evaluate and follow-up an exercise. After which jurisdictions conduct their own exercises in conjunction with their contiguous counterparts and Operational Areas. Advice and assistance in exercising is also available through the RP.

These courses are generally offered on a host basis, requiring sponsorship by a jurisdiction, agency, or organization. CSTI's exercise training emphasizes the need for establishing local design teams. The Readiness Program is a key element in the operational evaluation of the Standardized Emergency Management System (SEMS). As indicated in the SEMS regulations, exercises are recommended as a means of assessing proficiency for emergency response agencies and personnel.

Introductory Exercise Design Workshop

G620

1-day/8-hr. course (optional 2-day/16-hr. course)

This workshop is designed as a functional introduction for future exercise design teams from government, business and industry. Participants learn the basic components and requirements for planning and designing emergency management exercises. As an option, participants, as a team, help to design and deliver a brief tabletop exercise for the host.

Enhanced Exercise Design

G120

4-day/32-hr. course

This course provides participants with the in-depth knowledge and skills necessary for effective exercise design. Intended for the jurisdiction, agency, and organizational exercise design teams, this course is conducted on a host basis using an actual Emergency Operations Center. Design teams develop a comprehensive exercise plan and conduct and evaluate a functional exercise for the host jurisdiction or organization. The functional exercise, designed by the students, will be held the last half-day for the host's emergency management personnel.

Standardized Emergency Management System

For more information on SEMS programs, please call (805) 549-3536.

The Standardized Emergency Management System (SEMS) was developed from legislation introduced in 1992 and signed into law in 1993. Its policies and procedures are set forth in the California Government Code, Section 8607, Emergency Services Act (Chapter 7, Division 1, Title 2).

All state agencies are required by law to use the Standardized Emergency Management System. Local agencies eligible for funding of response-related costs under disaster assistance programs are also encouraged to use SEMS when responding to disasters or major events involving multiple agencies.

CSTI was principally involved in the development of the Standardized Emergency Management System in 1992. SEMS has been incorporated into all of the Institute's programs. Our SEMS training programs are individually tailored to fit specific agency needs and may address a wide range of emergency management topics and issues. Our staff considers a jurisdiction's facilities, plans, and personnel in the design of each program. Programs designed for your jurisdiction or agency could include components from any of the courses in this catalog.

Note: Courses with "ACI" designation are part of SEMS Approved Course of Instruction as defined in the Regulations.

State Agency Planning and Training: Specialized Programs

These programs are specific to individual State Agencies, and provide plan development services to ensure emergency plans are consistent with SEMS. Once developed, the plans are used as a basis for executive and staff training. The goal of the program is to ensure the readiness of all state agencies pursuant to the State Emergency Plan.

For more information on state agency courses, please call (805) 549-3548



Local Government SEMS Introductory Course G606 (ACI)

This course is designed for anyone who may become involved in inter-agency or multi-jurisdictional responses at any level of the Standardized Emergency Management System. CSTI staff provides course participants with the basic concepts of SEMS, including common terms and principles required to work within, and support, a coordinated SEMS response.



SEMS Field Courses (ACI)

The SEMS Field Course is an adaptation of the National Incident Command System (developed by the National Wildfire Coordinating Group; Boise, Idaho). All California Emergency Response Agencies, as defined in Government Code 8607, should use the SEMS Field course for training purposes.

CSTI will present or sponsor the presentation of the SEMS Field Course in three program segments:

Orientation/Basic

G610.1

Introduces the ICS organization, terminology, resources, features, principles, facilities and responsibilities related to Incident Command. As a general orientation to ICS, this course is designed for both support personnel and field responders who normally would not supervise others at an incident site.

Intermediate

G610.2

Recommended prerequisite: G610.1 Orientation/Basic course

Provides in-depth exposure to the incident organization, management of resources, air operations, incident and event planning, unified command, and mutual aid. This course is designed for anyone who supervises an ICS branch, division, group, or unit; or for members of the Command Staff. Participants should have a basic working knowledge of ICS.

Advanced

G610.3

Prerequisite: G610.2 Intermediate course

Presents an in-depth presentation and discussion on General and Command Staff roles, major incident management, Area Command, coordination and relationship with SEMS EOC levels. This course is intended for ICS Section Chiefs, Command Staff, and Incident or Area Commanders. Participants must have taken the G610.2 Intermediate Course or have equivalent field experience as division, group, or unit supervisor; or field experience as a member of the Command Staff.



SEMS Emergency Operations Center Course (ACI)

G611

This course focuses on the five SEMS functions within an Emergency Operations Center, or Department Operations Center. Emphasis is placed on “position-specific/hands-on” training. Illustrations and discussion relative to the specific relationships between SEMS levels is also an integral part of this training experience. It is recommended that this course be delivered on-site, using the agency or organization’s EOC or similar facility.



SEMS Executive Course (ACI)

G612

Intended for executives, administrators, and elected officials, this course provides a background of SEMS focusing on compliance issues. Participants are presented with an overview of SEMS principles with a concentration on executive roles in a SEMS organization, and the need for executive support to effectively implement SEMS.



SEMS Operational Area Workshop and Exercise

G628.1

This course is designed for delivery at an Operational Area EOC. It includes an in-depth analysis of functional roles and responsibilities within an EOC. Instructors use small-group personalized training sessions to examine and define position responsibilities. Particular emphasis is placed on inter-agency coordination, as well as the requirement for group decision-making. This workshop may include a tabletop or functional exercise.



SEMS Local Government Workshop and Exercise

G628

This course provides an in-depth examination of functional roles and responsibilities, including exposure to position checklists and standard operating procedures. City and special district personnel, volunteers groups and others responsible for performing SEMS functions are best suited for this course. Emphasis is placed on inter-agency coordination and relationships with the field ICS organization. This workshop may include a tabletop or functional exercise. This program is designed for delivery at a local government or special district EOC.



SEMS State/Region-Level Workshop and Exercise

G628.2

This course is primarily for State agencies responsible for providing functional support to the Regional Emergency Operations Center (REOC). The course addresses specific agency responsibilities for performing SEMS functions pursuant to the state emergency plan, and will include exposure to position checklists and standard operating procedures. Training may occur at OES Headquarters, REOCs, or at State Agency Department Operations Centers.



SEMS Action Planning Workshop

G626

This course explores the Action Planning process used in Emergency Operations Centers. Particular emphasis is given to the Planning/Intelligence and Management roles. Strategies are discussed for development of a successful Action Plan. The curriculum includes both specific process-oriented instruction and role-play activities. This course can be designed and conducted for an individual agency or organization upon request.

Terrorism

For more information on these courses, please call (805) 549-3536.

For information related to pages 43 through 45, please call (805) 549-3344.

As the horrific events of September 11, 2001 so clearly showed, terrorism has become a primary concern for all Americans, threatening our security and testing our resources.

CSTI has offered timely, relevant anti-terrorism training to public safety professionals for more than a quarter of a century. Today's courses are as up to date as today's headlines, and our forecasts have been consistently accurate.



Terrorism I

4-1/2 day/37-hr. course

POST certified

This is the comprehensive course that concentrates on arming planners, responders, investigators and managers with the ability to accurately assess the real terrorist threat to their communities and provides them with a solid knowledge base to understand America's enemies, both foreign and domestic.

Topics to be covered include:

- The Challenges of Terrorism Today
- The Revolutionary Process
- Religious Radicalism
- History and Issues of Domestic Terrorism
- International Terrorism
- Critical Infrastructure Vulnerabilities
- California Threat Briefing
- Intelligence Operations
- Weapons of Mass Destruction
- Case Studies

We strongly recommend this course for all government agencies, including law enforcement, fire service, emergency medical services and health providers, emergency management agencies, and concerned entities from the private sector.



Terrorism II

4-1/2 day/36-hr. course

(POST certification pending)

Prerequisite: Terrorism I

Recent events have shown that the threat of terrorist attacks remains very real. While it is important to do all we can to prevent terrorist incidents, we must also be prepared to respond effectively should the worst happen. This course reinforces California's established emergency management practices and adds critical elements supervisors, managers and policy makers must understand when dealing with an act of terrorism.

Designed for field supervisors through command staff, this course will cover these topics:

- Evolving Threats
- Protecting Key Assets
- Community Information Networking
- Intelligence Preparation for Operations
- Principles of Special Operations
- Case Studies
- Threat Forecast

This course is recommended for public safety officials and anyone who may be assigned to an Incident Command Post or Emergency Operations Center during the response to a terrorist attack. The issues covered in the course will also be of interest to supervisors, managers, command staff or elected officials who desire a better understanding of the challenges presented by a terrorist incident.

Many of CSTI's courses have been approved by both the California Military Dept. and the Office for Domestic Preparedness (ODP). Look for the ODP star in our course descriptions.

The California Military Department distributes funds for training under the Urban Area Security Initiative (UASI) and State and Local Coordination and Preparedness (SLGCP) grants.

Terrorism Update

1-day/8-hr. course

POST certified

In addition to the week long terrorism courses, CSTI offers "Terrorism Updates" throughout the academic year at locations throughout California. The courses can serve as a refresher or as an initial survey of the topic. These one-day programs are scheduled at the request of host agencies. Topics may include:

- Definition, History and Examples of Terrorism as a Tool for Causing Change
- Review of Recent Terrorist Events
- Roles of Federal, State and Local Agencies in Preparing for and Responding to Terrorist Events
- Critical Infrastructure Vulnerabilities
- Current Threats



Emergency Management: Terrorism Consequences Management

4-½ days/36 hr. course

This course provides a coordinated jurisdictional response to a terrorism event. This training program reinforces key emergency management principles and practices using a domestic terrorist event. Instruction will include the Modern Terrorism Threat, Weapons of Mass Destruction and general principles of Emergency Management and SEMS as applied to managing the response to a terrorism event. During the week of training, participants will engage in a progressive series of exercises and planning activities as you plan for a coordinated response to an anticipated event in a period of advanced warning. The culminating event is a functional exercise including the activation of a municipal Emergency Operations Center for the emergency management team. Key topics include:

- Principles of Modern Terrorism
- Weapons of Mass Destruction
- Standardized Emergency Management Systems (SEMS)
- Emergency Public Information
- First Responder Issues
- EOC Organization and Functions
- Action Planning
- Terrorism Risk Assessment
- Recovery Issues
- Mutual Aid

Terrorism: Special Seminars

Course Length: Variable

The study of terrorism has been a part of the Institute's mission for nearly thirty years and that body of knowledge has helped us reach many, many professionals with our training. CSTI has nationally recognized subject matter experts on staff who can design and deliver terrorism training programs for your agency, jurisdiction or organization.



Terrorism Liaison Officer

5-day/38-hr. course

(POST certification pending)

It is essential that every law enforcement agency have on its staff at least one individual who has a basic understanding of the issues faced today and who can act as an information resource for members of the department. The Terrorism Liaison Officer (TLO) course is designed to prepare individuals to carry out that role. Topics include:

- The Role of the Terrorism Liaison Officer
- The Threat of Terrorism Today
- Weapons of Mass Destruction
- Comprehensive Threat Assessment
- Intelligence Operations
- Investigation and Prosecution of Terrorist Acts
- Responding to Terrorist Threats and Incidents
- Agency Roles and Responsibilities
- Interagency Coordination
- Consequences Management
- Resources Available to the TLO

The Terrorism Liaison Officer course will be offered at CSTI and at locations throughout the state.



Law Enforcement's Role in Responding to Terrorism (Training for Trainers)

4-day/32-hr. course

(POST certification pending)

This course is specifically designed to address all of the content areas included in SB 1350 which added Section 13519.12 to the California Penal Code in 2002. This section mandates training related to terrorism prevention as well as the safe and effective response to a terrorism-related emergency. Students will receive a comprehensive packet of instructional materials to facilitate delivery of local in-service training for the mandated 8-hour course for first responders.

For more information on the following courses, please call (805)549-3344.



Hazardous Materials Tech/Spec Explosives Awareness

3-day/24-hr. course

Prerequisite: Hazardous Materials Technician/Specialist certification

This field level course is designed to train Hazardous Materials Technicians/Specialists in the recognition of commercial explosives, energetic chemicals, military ordnance and improvised devices (booby traps). It is intended to provide Technicians and Specialists with emergency management training for bombing incidents and crime scene response, and the ability to assist Bomb Technicians entering chemically contaminated environments. This course was developed in association with the Utah State Fire Academy and engages the support of representatives from law enforcement, Department of Defense and the explosives manufacturing industry.



WMD First Responder Awareness

4-hr. course

This course trains first responders to recognize nuclear, biological, chemical and explosive agents, take initial appropriate defensive actions and make notifications. This course focuses on the OSHA Hazwoper “awareness” competencies for WMD incidents.



WMD First Responder Operations

1-day/8-hr. course

This course trains first responders to recognize nuclear, biological, chemical and explosive agents, evaluate their potential effects and select initial defensive response tactics to protect themselves and the public. Class participants will use case studies, class activities and tabletop exercises to learn the types of agents in use, evaluate their hazards, establish safety protocols, begin isolations and scene control, select protective actions and determine potential sources of assistance in an incident involving weapons of mass destruction. This course focuses on the OSHA Hazwoper “operations” competencies for WMD incidents.



WMD Incident Commander

1-day/8-hr. course

This course will address the unique issues to safely and competently manage a hazardous materials incident involving nuclear, biological, chemical and explosive agents. Issues discussed include recognition, agency coordination, command and problem solving; a tabletop exercise ties course concepts together in a hands-on application. This course focuses on the OSHA Hazwoper “Incident Commander” competencies for WMD incidents.



Law Enforcement Tactical Operations in a Weapons of Mass Destruction Environment

5-day/40-hr. course

This is an intensive 40-hour course designed to train certified tactical team (e.g. SWAT) personnel to enter a known or suspected WMD/Haz Mat “Hot Zone” to deploy WMD detection and monitoring equipment, conduct a scene search, and/or engage a criminal suspect. The course is jointly certified by POST and CSTI in order to satisfy the prevailing California regulatory standard for specialist-level (e.g. Level A, B, and C) response to a WMD/Haz Mat incident. Course topics include: pertinent OSHA-prescribed competencies as well as instruction specific to the nature of WMD, WMD hazards, WMD detection and monitoring equipment, chemical protective clothing, donning and doffing protocols, and task-specific hands-on field response exercises.



Haz Mat /WMD First Responder Operations: Law Enforcement Field Support

2-day/16-hr. course
POST certified

This course provides fundamental training enabling law enforcement personnel to support hazardous materials response operations in a weapons of mass destruction environment. It was developed for the California Commission on Peace Officer Standards and Training by California Specialized Training Institute.

It provides advanced instruction in; Law enforcement missions and responsibilities appropriate to the management of WMD incidents, hazard recognition and safe emergency response to terrorist incidents involving the use of explosive, chemical, biological or radiological materials, health and safety issues concerning law enforcement personnel supporting those engaged in the management of WMD incidents, selection of chemical resistant clothing, respiratory protection and other equipment for use in the WMD environment, command, communications and deployment issues associated with operating within Unified Command System (ICS) and the Hazard Materials Group in emergency management perimeters and work zones.



Hazardous Materials for Bomb Technicians

5-day/40-hr. course
Prerequisite: Bomb Technician Certification
POST certified

This course will provide certified Bomb Technicians the knowledge and skills to perform their duties in a chemical environment in accordance with state and federal regulations. The course will also provide the participant the knowledge and skills to work with public sector hazardous materials response teams during an event where an explosive device is located within a chemical environment.

Emphasis is placed on the following OSHA required competencies:

- The Employer's Emergency Response Plan
- Using Field Survey Instruments and Equipment
- Functioning Within an Assigned Role in ICS
- Selection and Use of Proper Specialized Chemical PPE
- Hazard and Risk Assessment Techniques
- Advanced Control, Containment, and/or Confinement Operations
- Rescue of Injured or Contaminated Persons Within Capabilities
- Equipment, Victim, and Personnel Decontamination Procedures
- Termination Procedures
- Basic Chemical and Toxicological Terminology and Behavior

Faculty Biographies

Management Staff

Jodi Traversaro

OES Training Branch Manager

BS, Cal Poly State University, San Luis Obispo. Training Program Manager CA State Board of Equalization, 2001-2004,. Implemented alternative solutions in soft skill and technical training, modularized customized educational materials, and developed a skill-driven training curriculum for employees. Managed Tax Compliance Training Program, 1997-2001, Equal Employment Officer, and served on the Board of Chemical Dependency Center for Women. Published writer on the Web in Succession Planning and Training Needs Assessment.

Michael Brady

Chief, Hazardous Materials Section

B.S., California State University Northridge; B.S., Cal Poly State University, San Luis Obispo; M.A., Cal Poly State University, San Luis Obispo. Chief of Hazardous Materials Section, 1989-present. Previous experience: Responded to 30+ disaster relief efforts with the Red Cross. Emergency Operations Center response at local, regional, and state levels. Focus in how technology is used in disasters.

Dinah Davison

Chief, Administrative Programs

Attended Point Loma College in San Diego, majored in Education and Business. Management of CSTI budget, Logistic and Facilities Officer, Facility Safety Officer. Previous experience: twenty-one years of experience in public administration.

Tony Ferrara

Chief, State Agency and Internal Training Section

B.A., University of Redlands; M.P.A., University of Southern California. Member, Phi Kappa Phi Honor Society. Chair of the SEMS Training Specialist Committee. Training Branch representative to the SEMS Advisory Board. Presently serving as an elected official for city government. Previous experience: Twenty years with Los Angeles Sheriff's Department. Former Chief of Specialized Programs. Extensive state agency & local govt. emergency management training experience.

Robert Lewis

Chief, Emergency Management and Criminal Justice (EMCJ) Section

B.A., University of California Los Angeles; M.P.A., University of Southern California. FEMA State Training Officer for California. Manage California's core emergency management training program, federally funded emergency management training, and SEMS training. Previous experience: 14 years of emergency management including disaster planning, exercise design and implementation, EOC operations, training regulations development, SEMS Specialist Committee, and management assignments in several California disaster responses. Former law enforcement supervisor and wilderness search and rescue unit commander.

Instruction Staff

Vance Bennett

Coordinator/Instructor, Hazardous Materials Section

B.A., San Francisco State University. Previous experience: 15 years of pollution response experience in the US Coast Guard. 10 years of experience as a training consultant in the private sector. Management level experience in major oil spills and natural disasters. Completed several courses of advanced study in hazardous materials emergency response.

Joseph Costello

Coordinator/Instructor, EMCJ Section

B.A., M.B.A., University of San Francisco. Previous experience: Director of Public Safety Department, Supervisor and Patrol Officer with the University of San Francisco. Course Manager and Instructor in Emergency Management and Criminal Justice programs.

Jude Dunham

Coordinator/Instructor, Range Instructor, EMCJ Section

Public administration education. Previous experience: State Public Information Officer in numerous California disasters. Emergency Services Coordinator. Developed emergency response procedures and training for responders. Medical Control Committee Chairperson. Police officer in California and Washington States. Firefighter/EMT.

Bruce Gadbois

Coordinator/Instructor, EMCJ Section

B.A., University of Redlands; M.A., California State University, Dominguez Hills. Postgraduate work in law and public administration. Course manager for Terrorism, Civil Disorder and Weapons of Mass Destruction (WMD) courses. Previous experience: operational and management experience in law enforcement, emergency management and risk management.

Robert Gandy

Coordinator/Instructor, EMCJ Section

B.A., University of Redlands. Previous experience: Development and training in the Response Information Management System (RIMS). Also developed small arms combat training in Simunitions. Twenty-five years with the Los Angeles Police Department in tactical operations and emergency management. Thirteen years in private sector security.

Mark Lodge, CET, REA

Coordinator/Instructor, Hazardous Materials Section

B.S., California State University, Long Beach. Previous experience: 6 years Haz Mat Specialist at Boeing Aircraft providing tactical planning for EOC and haz mat team, training response team and management level EOC teams, Lieutenant of Security and Fire Services, 6 years private sector consultant and training provider. Former police officer, paramedic and Navy Corpsman.

Paul Henlin

Coordinator/Instructor, Hazardous Materials Section

A.S. in Fire Technology. Previous experience: Twenty-six years of emergency management including 11+ years as Fire Chief and Emergency Services Coordinator for the City of Pismo Beach and 7 years as a paramedic with the Los Angeles City Fire Department. Coordinates courses in Hazardous Materials Technician, Counter-Terrorism, Safety Officer, and Emergency Medical Response.

James Massey

Coordinator/Instructor, EMCJ Section

Graduate of FBI Advanced Weapons and Bomb Disposal courses. Instructor at CSTI for 25+ years. Responsible for complex training exercises and range operations for the Officer Safety and Field Tactics program. Previous experience: Command Sergeant Major, US Army. Instructor, US Army Military Police School. Silver Star recipient.

Curry Mayer

Coordinator/Instructor, State Agency and Internal Training Section

B.A.M.A., California State University Long Beach. FEMA Emergency Manager course. Previous experience: Graduate/Instructor White House Military Office. Emergency Services Coordinator. Federal trainer.

Jeff Paullus

Coordinator/Instructor, Hazardous Materials Section

B.A., San Diego State University. Lead responsibility for Haz Mat First Responder, Incident Commander, and Audit Programs. Coordinates Haz Mat Instructor courses. Previous experience: 14 years in the fire service, achieving rank of Assistant Chief. Emergency Services Coordinator.

Bryan Pearson, C.E.M

Coordinator/Instructor, Hazardous Materials Section

B.S., Cal Poly State University, San Luis Obispo; M.P.A., University of Southern California; Cert., Hazardous Materials and Toxic Waste Management, University of California, Los Angeles. Previous experience: 23 years Lt. Col., U.S. Army and Reserve, Emergency Military Manpower Mobilization; 21 years Sergeant, Los Angeles Police Department, Tactical and Special Events Planning, Hazardous Materials Investigation. Coordinates hazardous materials investigations and clandestine laboratory training programs.

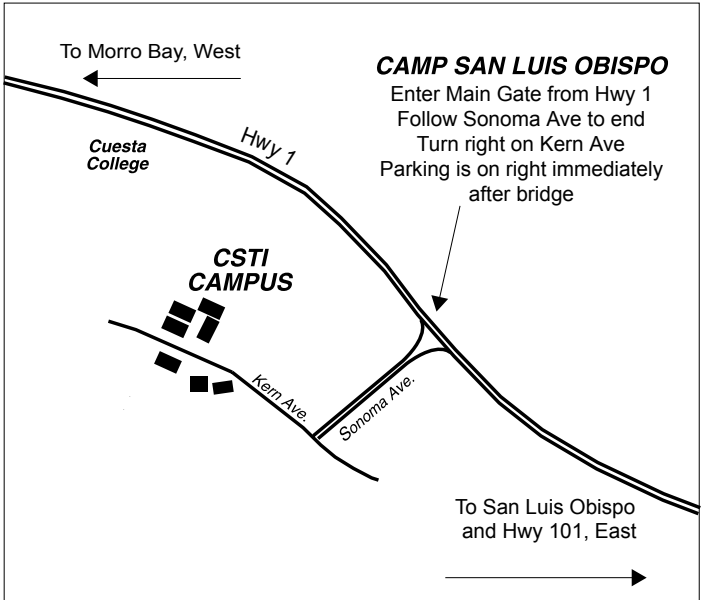
Richard Robles

Coordinator/Instructor, California Exercise Training Officer, EMCJ Section

B.S., University of San Francisco, in Organizational Behavior, with a concentration in adult education methodology and design. Responsible for coordinating the statewide exercise program. Course manager for the Exercise Design curriculum. Previous experience: CSTI's Federal Exercise Training Officer, fifteen years of emergency management training experience and CSTI Operations Officer.

Map to CSTI

CSTI is located approximately 4 miles northwest of the city of San Luis Obispo on the Army National Guard Camp



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your
POWER

